

AMENDMENT

U.S. Appln. No. 09/881,662

26. (New) A liquid container according to Claim 14,

wherein said piezo-electric device detects at least an acoustic impedance of said liquid in said container body, and detects said consumption condition of said liquid on the basis of changes in said acoustic impedance.

27. (New) A liquid container according to Claim 26,

wherein said piezo-electric device includes a vibration part, and

wherein said changes in said acoustic impedance are detected by vibrating said vibration part, and measuring a counter electromotive force generated by a residual vibration remaining in said vibration part to detect a resonance frequency or an amplitude of a counter electromotive force waveform.

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28. (New) A liquid container according to Claim 27,

wherein said vibration part is external to said piezo-electric device.

29. (New) A liquid container according to Claim 14,

wherein said container body includes a plurality of liquid containing chambers.

30. (New) A liquid container according to Claim 14,

further comprising a plurality of piezo-electric devices for detecting a consumption condition of a liquid in said container body, each of said piezo-electric devices being provided with a cavity connecting to an inside of said container body.

31. (New) A liquid container according to Claim 14,

wherein said piezo-electric device is installed in said container body at a position slightly above an ink feed port of said container body.

32. (New) A liquid container according to Claim 14,

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wherein said container body is provided with a check valve.

33. (New) A liquid container according to Claim 14,

wherein the diameter of said cavity of said piezo-electric device is equal to or less than 1.0 mm.

34. (New) A liquid container according to Claim 29,

wherein the chamber closest to an ink feed port of said container body has the largest volume of said plurality of liquid containing chambers.

35. (New) A liquid charging method according to Claim 1,

wherein said liquid is warmed before said liquid charging step is executed.

36. (New) A liquid charging method according to Claim 9,

wherein said liquid containing chamber is provided with a buffer.

37. (New) A method for manufacturing a liquid container according to Claim 22,

wherein said attaching structure includes a cylindrical part.